

FIG. 1

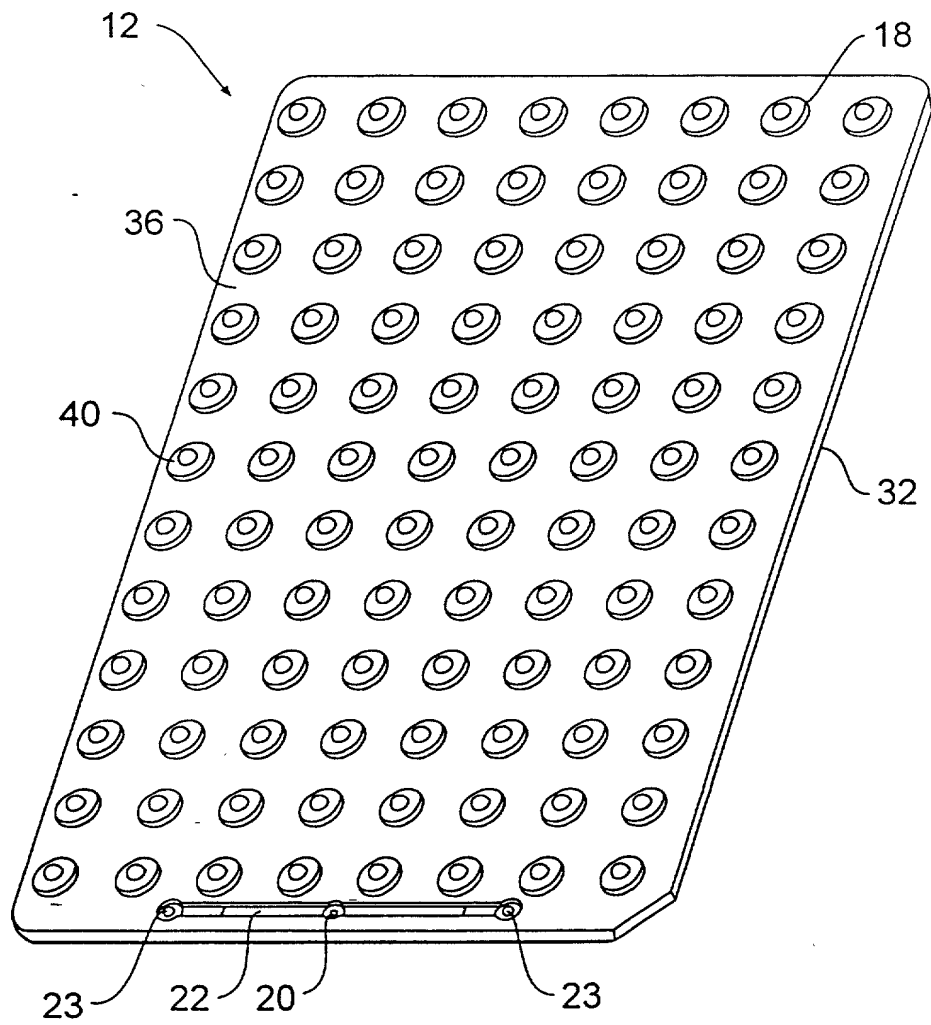


FIG. 2

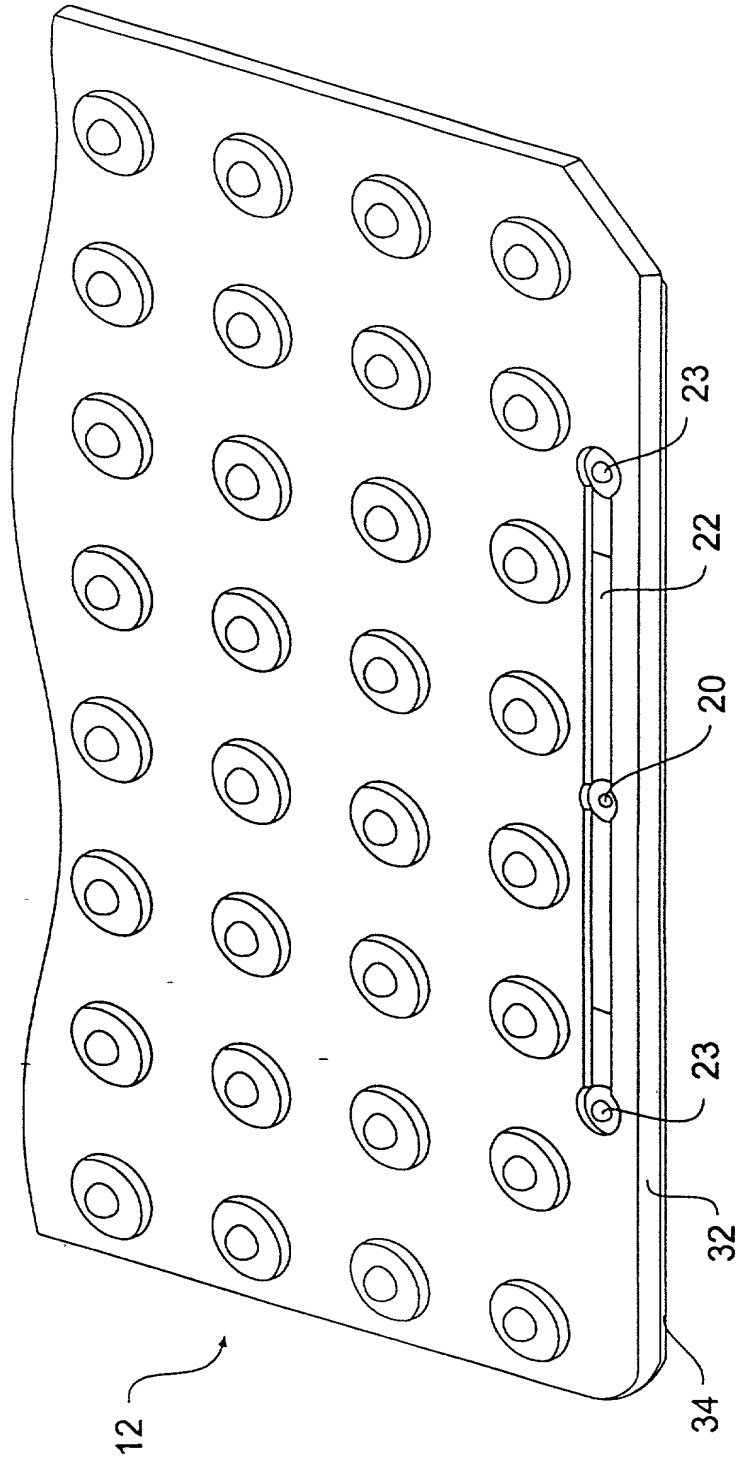


FIG. 3

FIG. 4 is a top view of a circuit board 10 showing a grid of conductive traces 12 and vias 18. The traces are arranged in a rectangular pattern, and the vias are located at the intersections of the traces. The circuit board 10 is shown with a dashed line 17 indicating a section line. The traces are labeled 12, and the vias are labeled 18. The grid is formed by four horizontal traces and four vertical traces, creating a 3x3 array of squares. Each square contains a via at its center. The traces are connected to a common ground plane 20 at the bottom edge of the board. The ground plane 20 is shown as a dashed line with a label 24 pointing to it. The vias are labeled 18, and the traces are labeled 12. The grid is formed by four horizontal traces and four vertical traces, creating a 3x3 array of squares. Each square contains a via at its center. The traces are connected to a common ground plane 20 at the bottom edge of the board. The ground plane 20 is shown as a dashed line with a label 24 pointing to it. The vias are labeled 18, and the traces are labeled 12. The grid is formed by four horizontal traces and four vertical traces, creating a 3x3 array of squares. Each square contains a via at its center. The traces are connected to a common ground plane 20 at the bottom edge of the board. The ground plane 20 is shown as a dashed line with a label 24 pointing to it. The vias are labeled 18, and the traces are labeled 12.

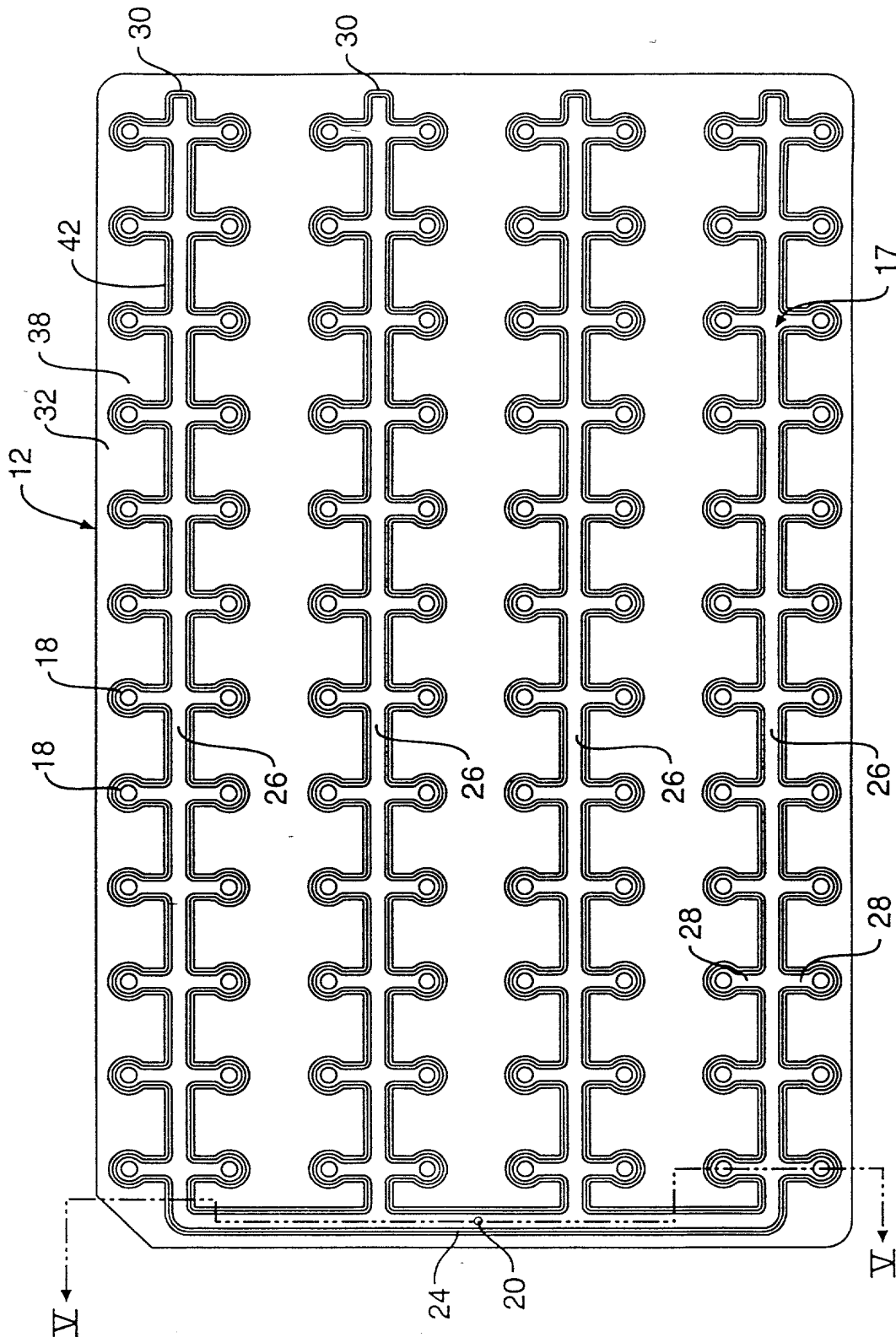


FIG. 4

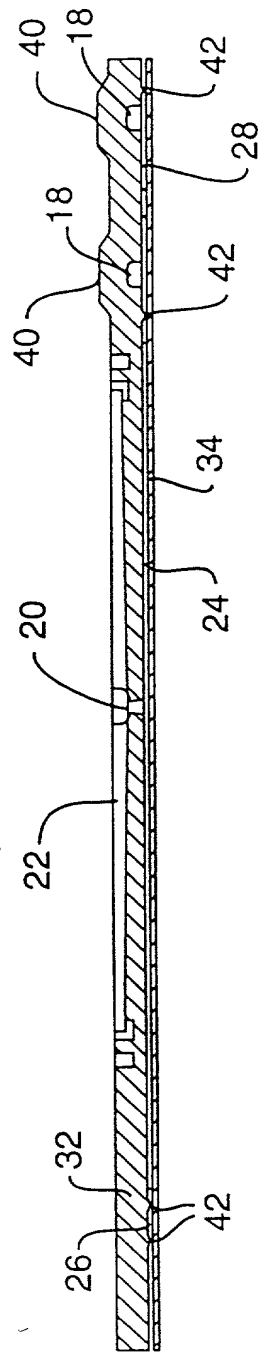


FIG. 5

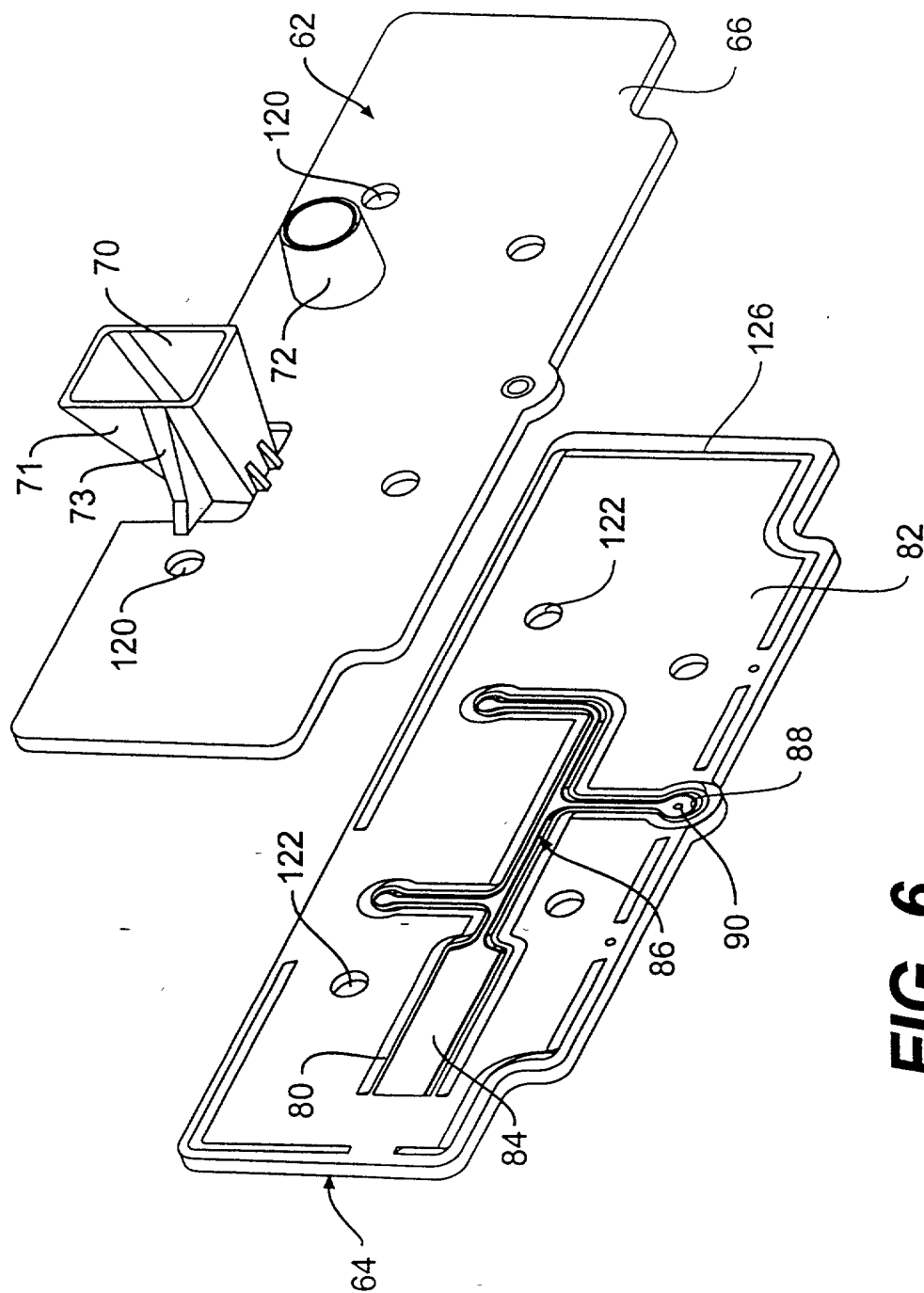


FIG. 6

FIG. 7 is a perspective view of the device 100 in a closed position.

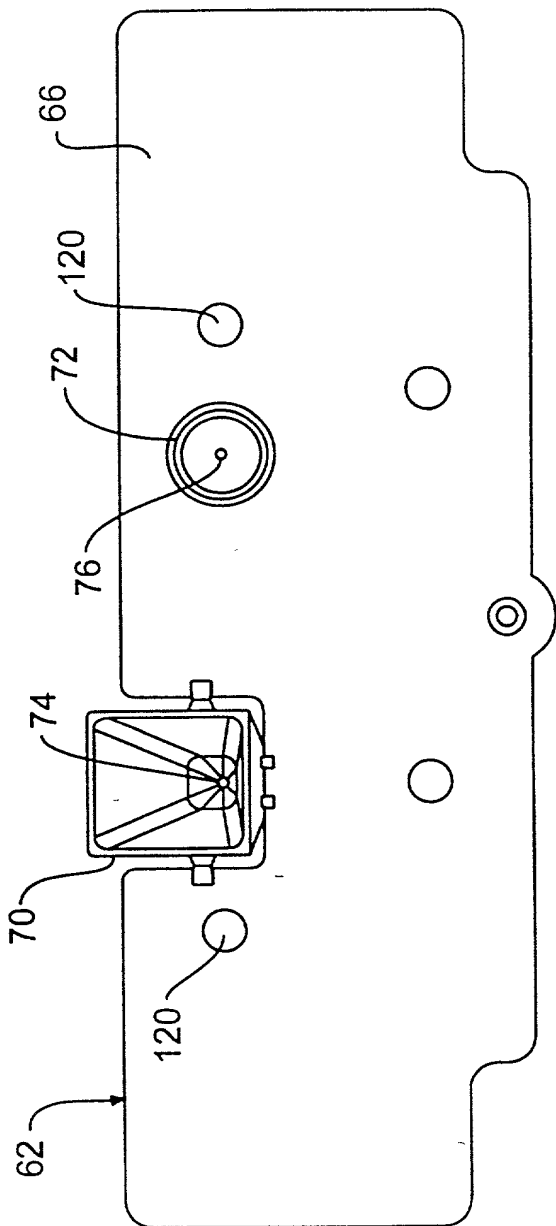


FIG. 7

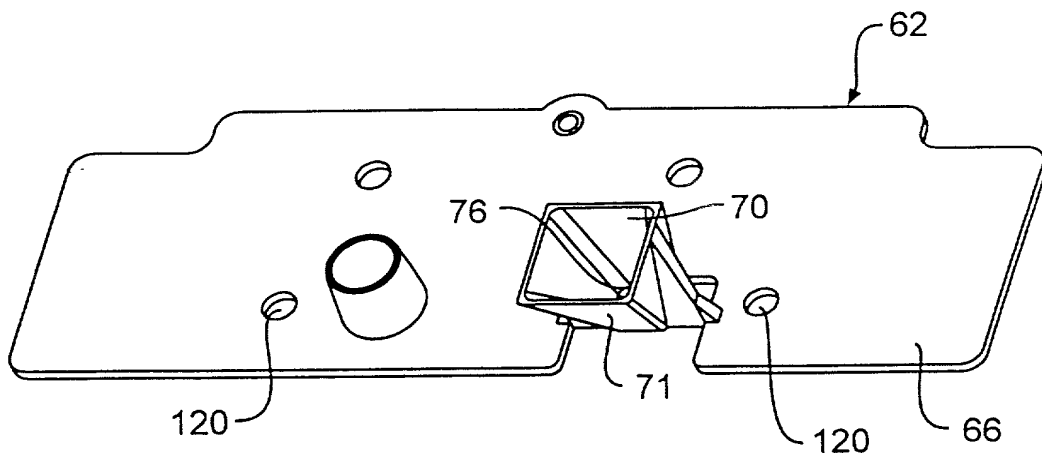


FIG. 8

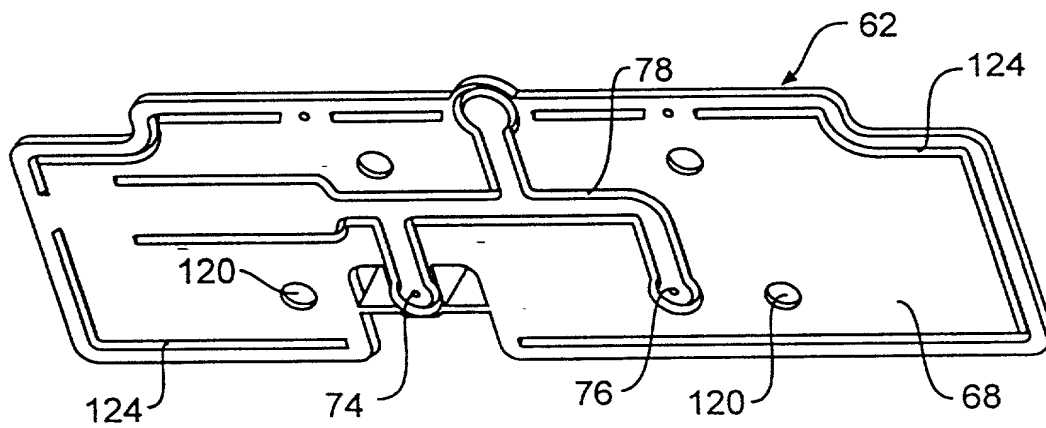


FIG. 9

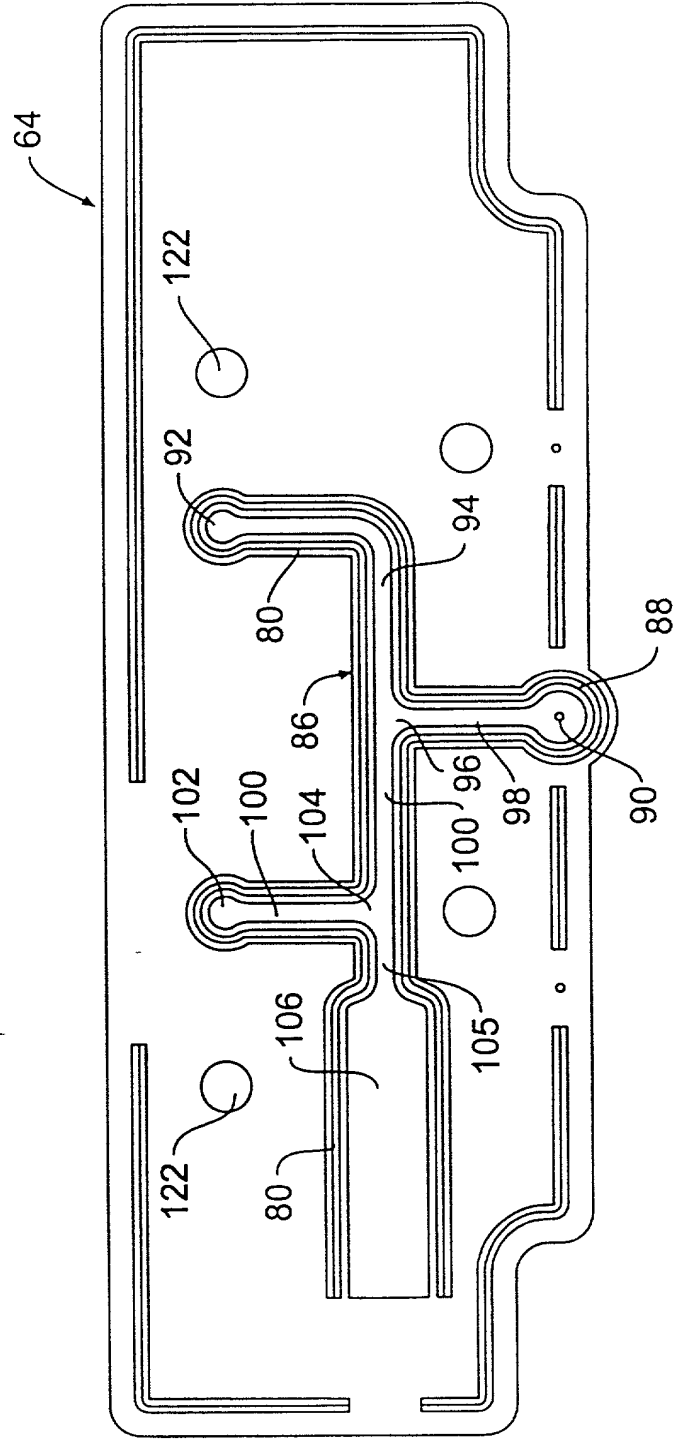


FIG. 10

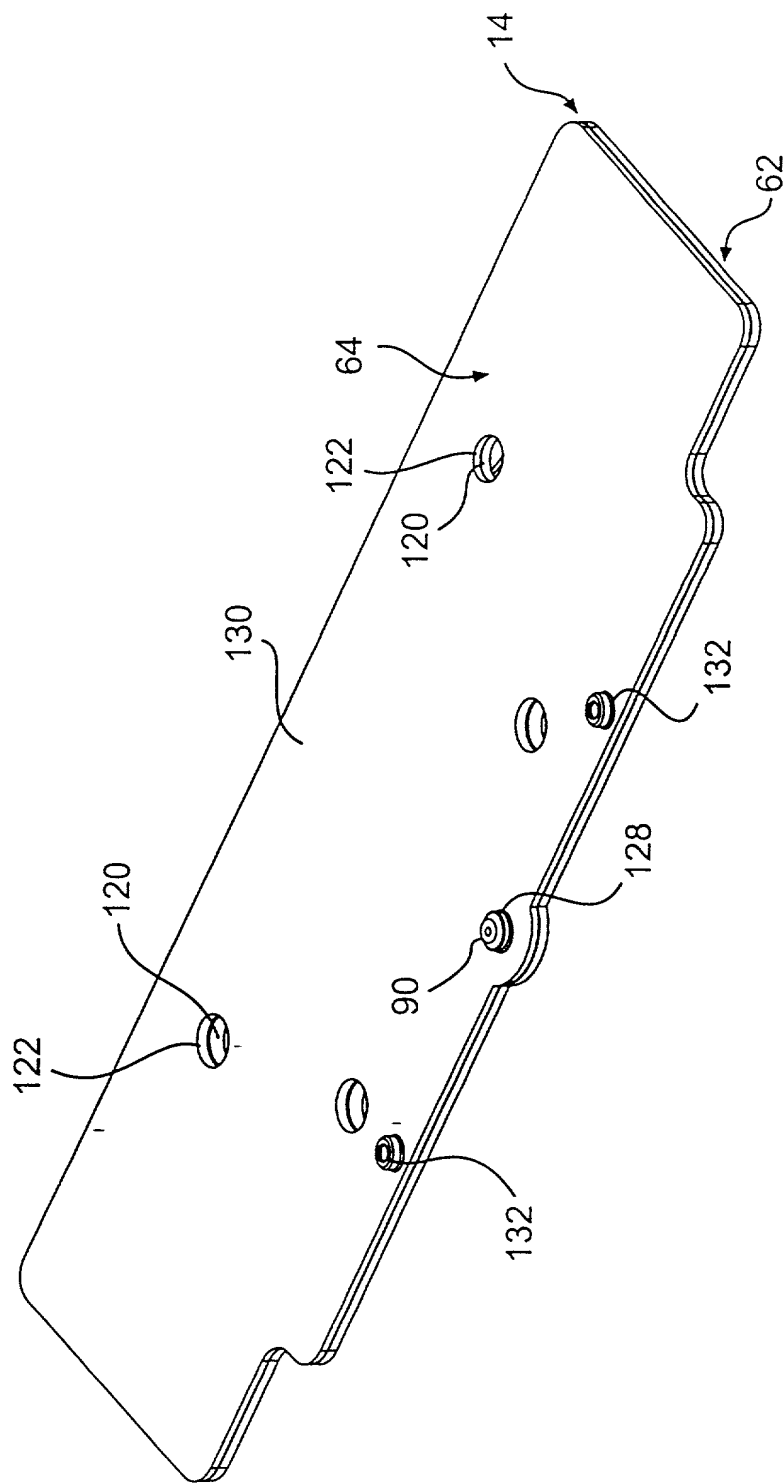


FIG. 12

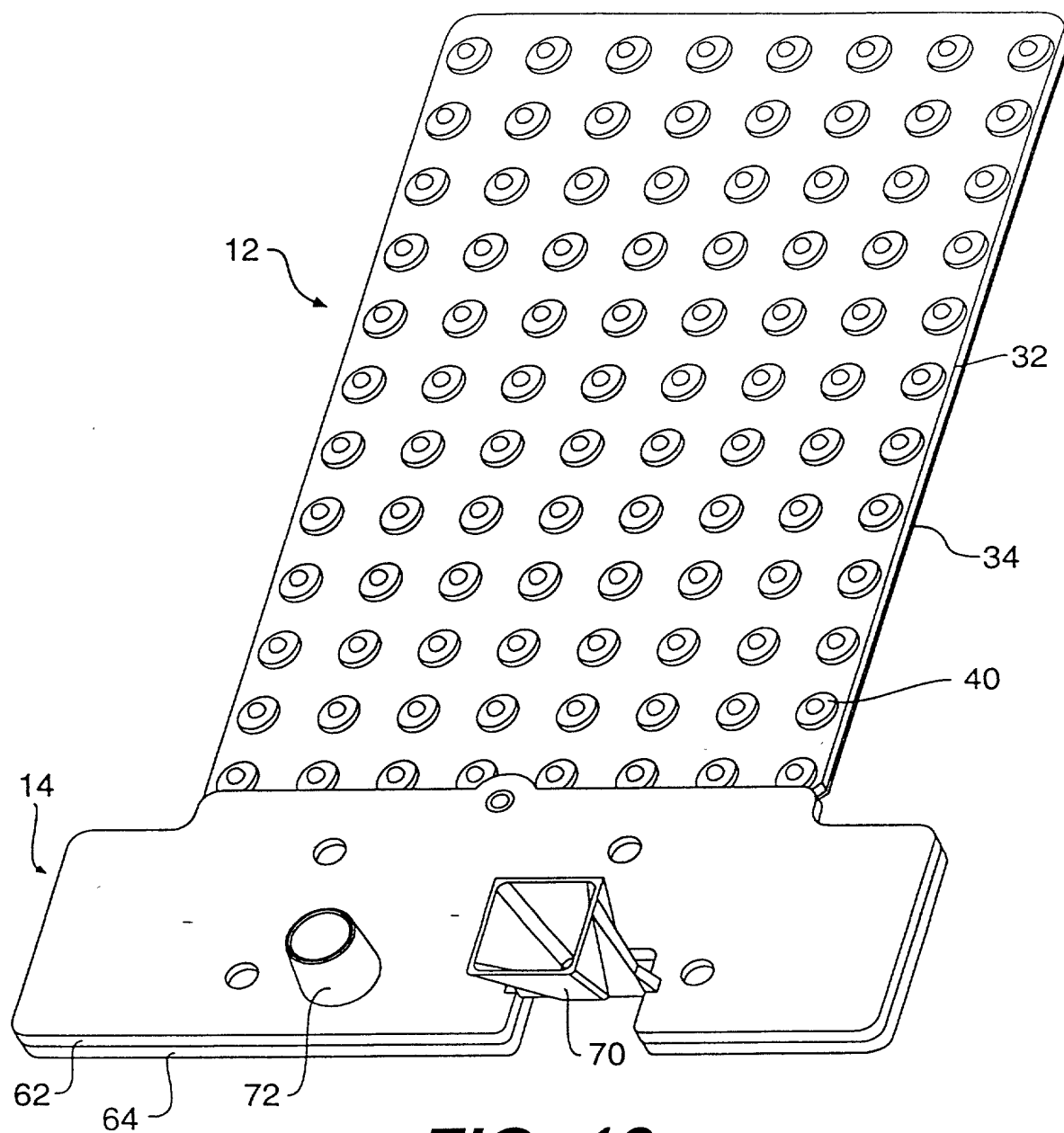


FIG. 13

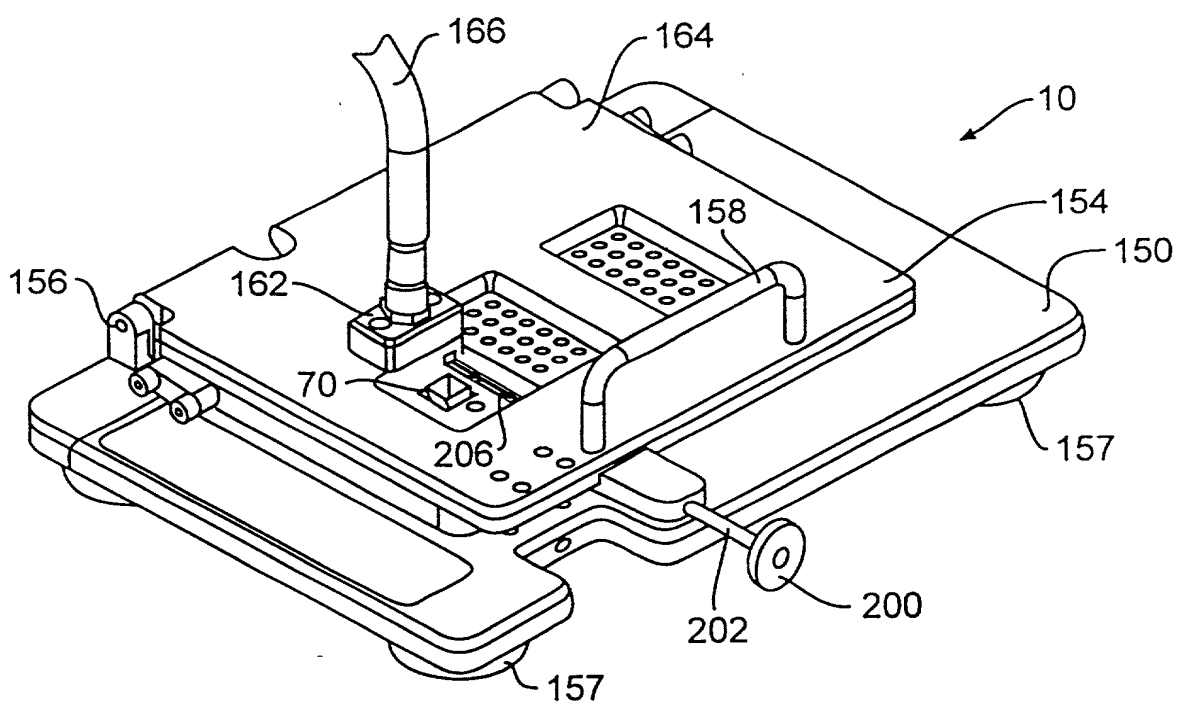


FIG. 14

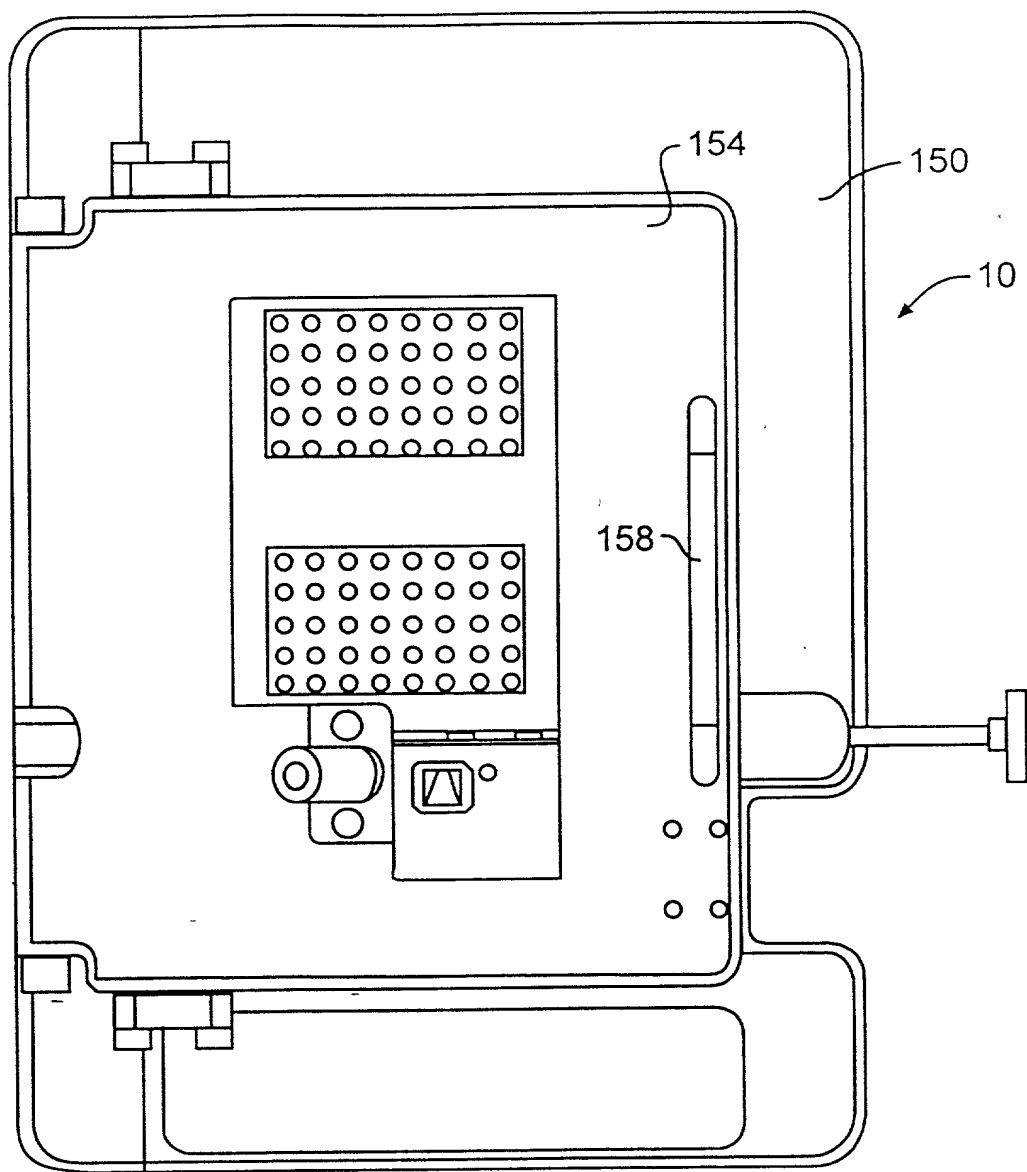


FIG. 15

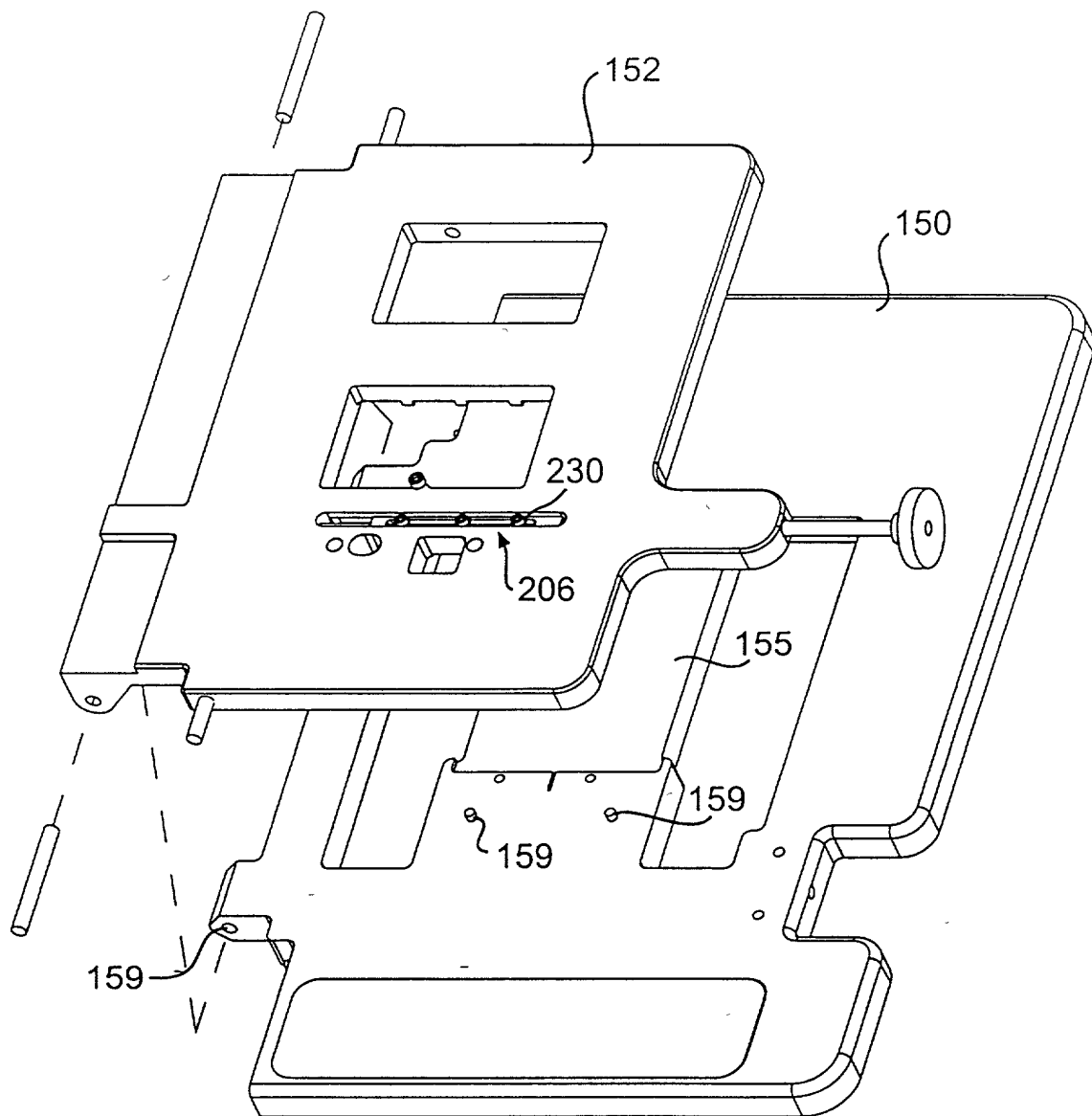


FIG. 17

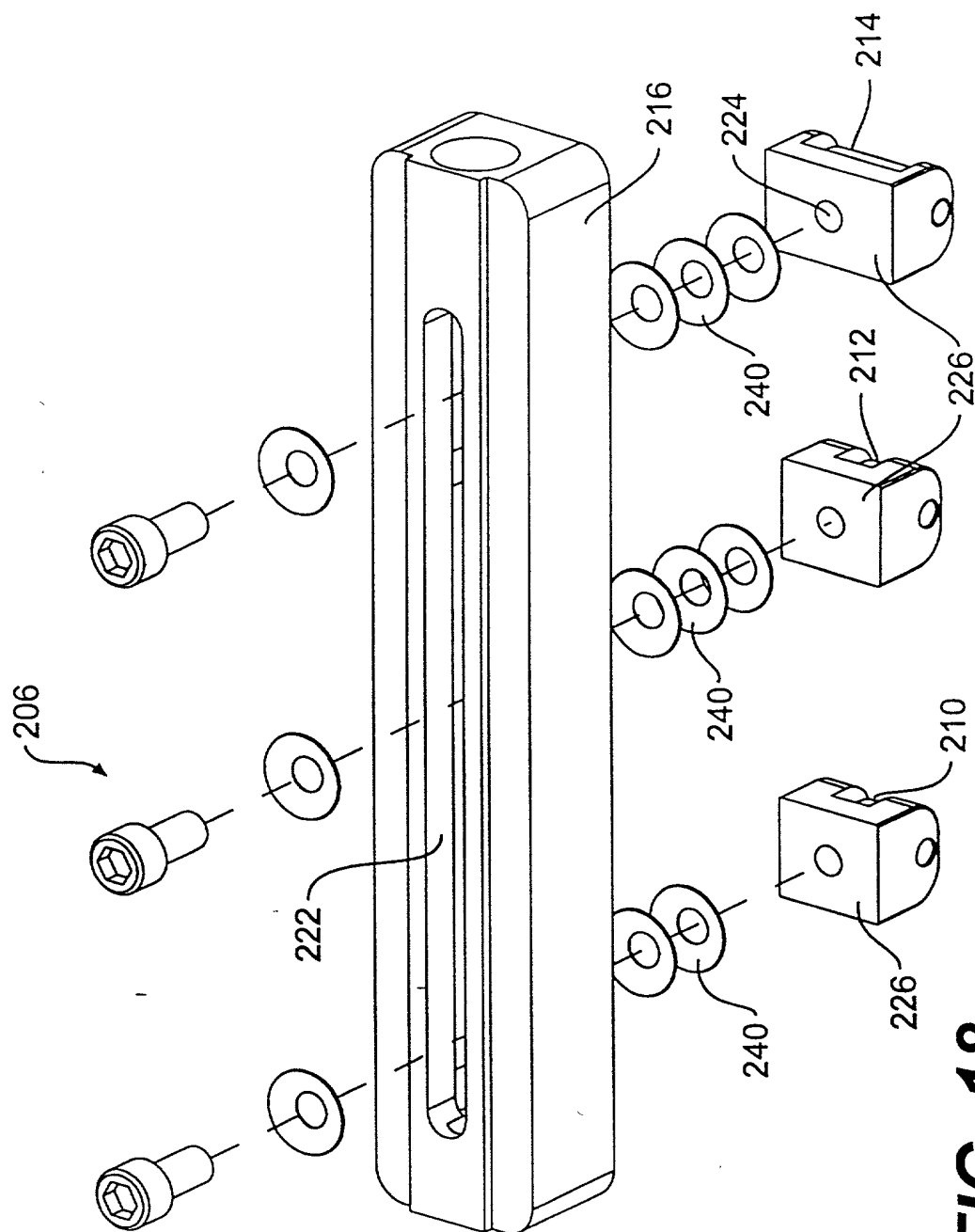


FIG. 18

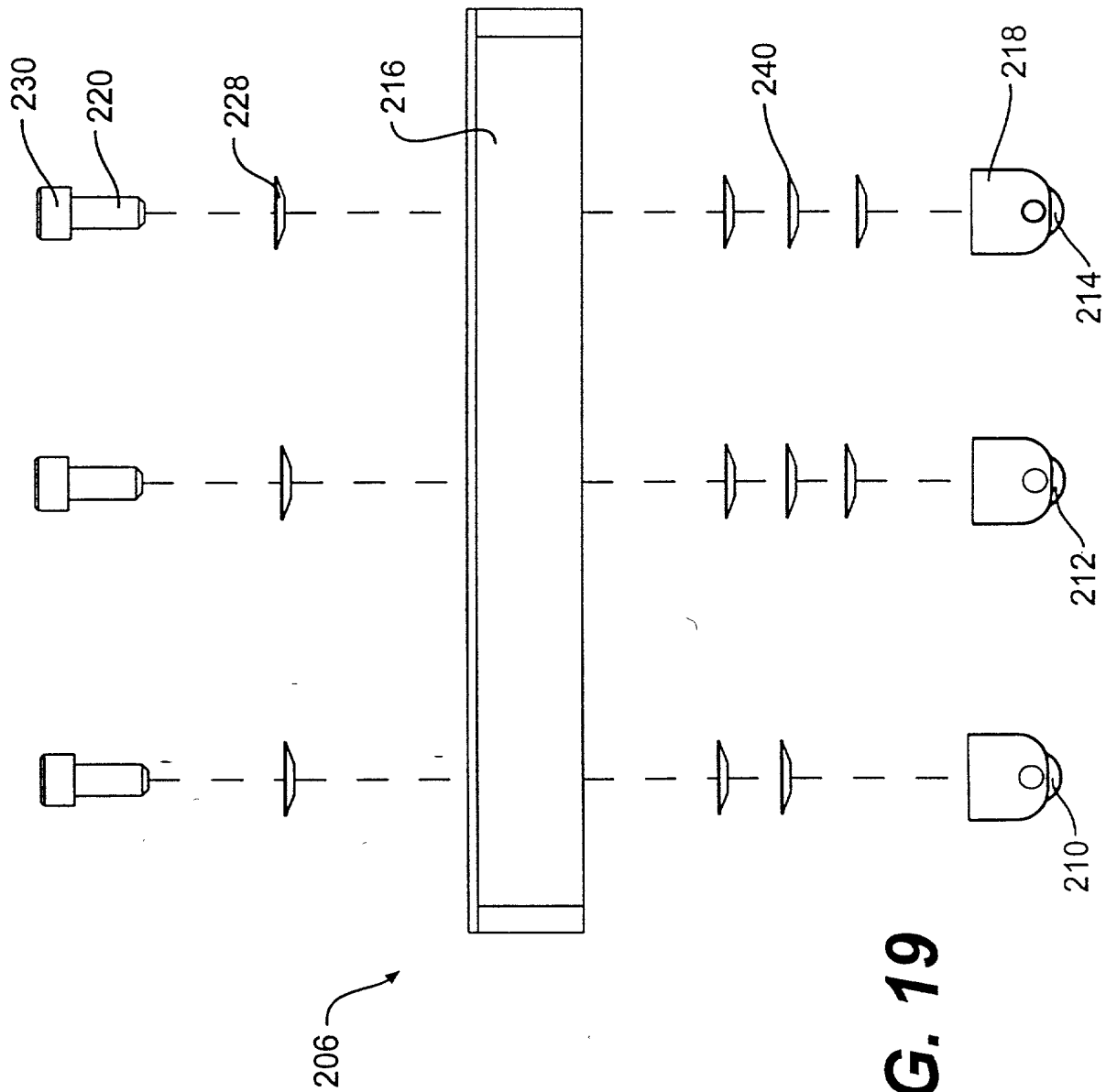


FIG. 19

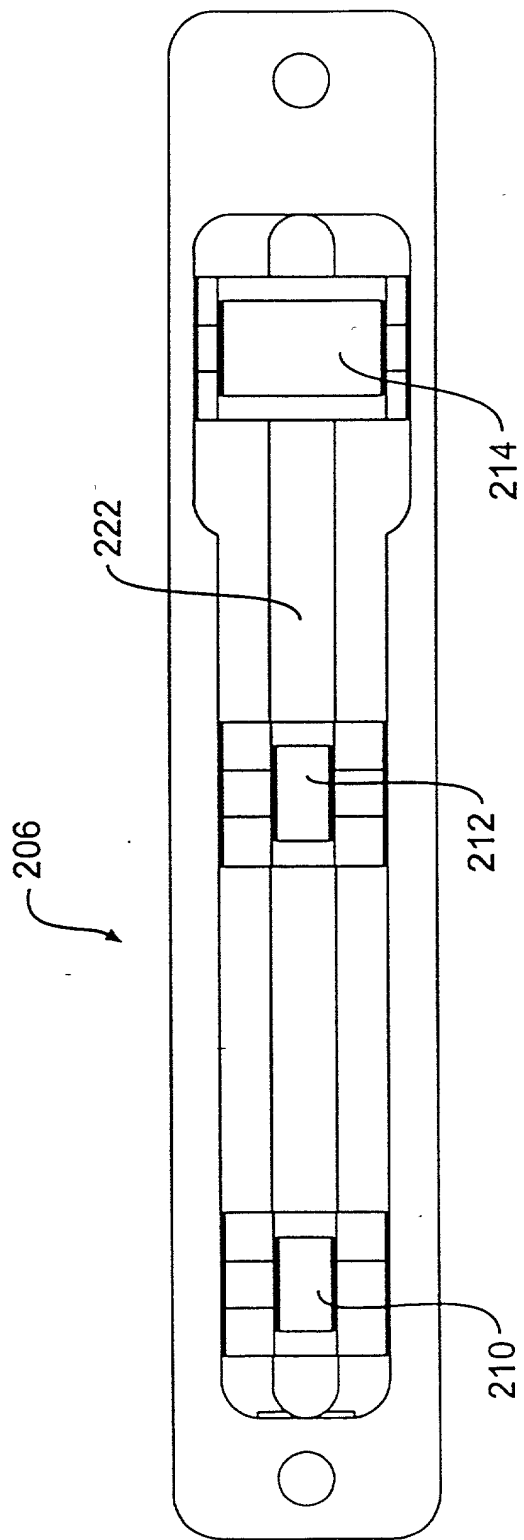


FIG. 20

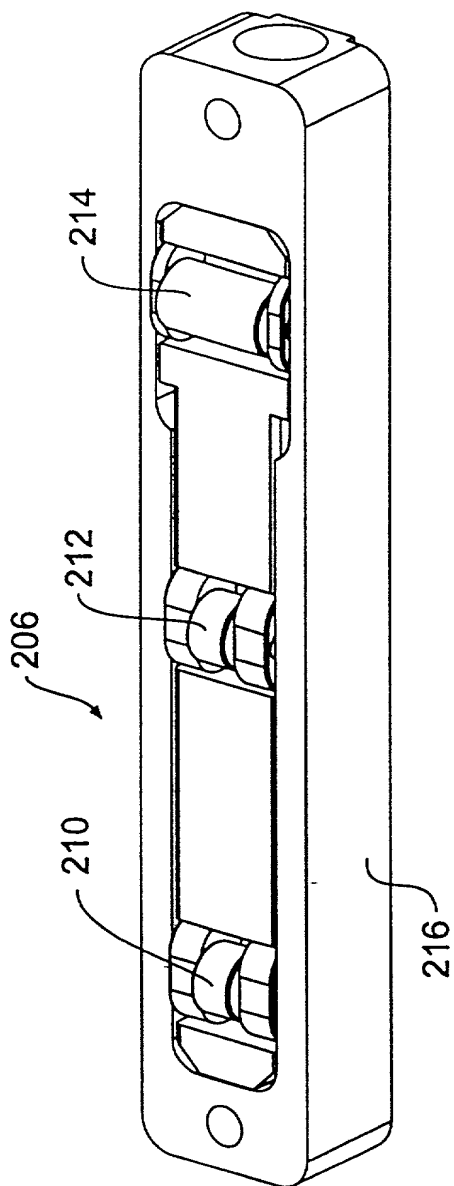


FIG. 21

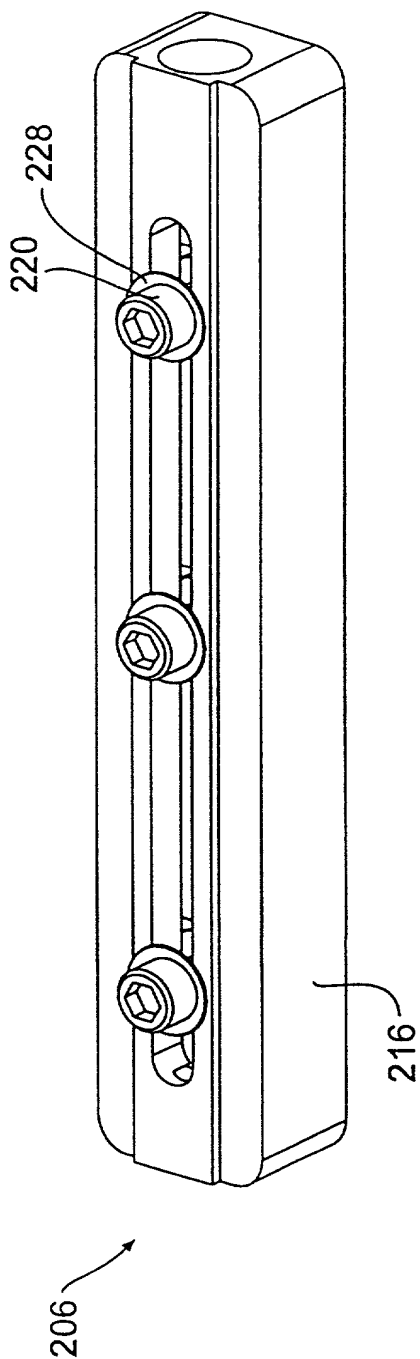


FIG. 22

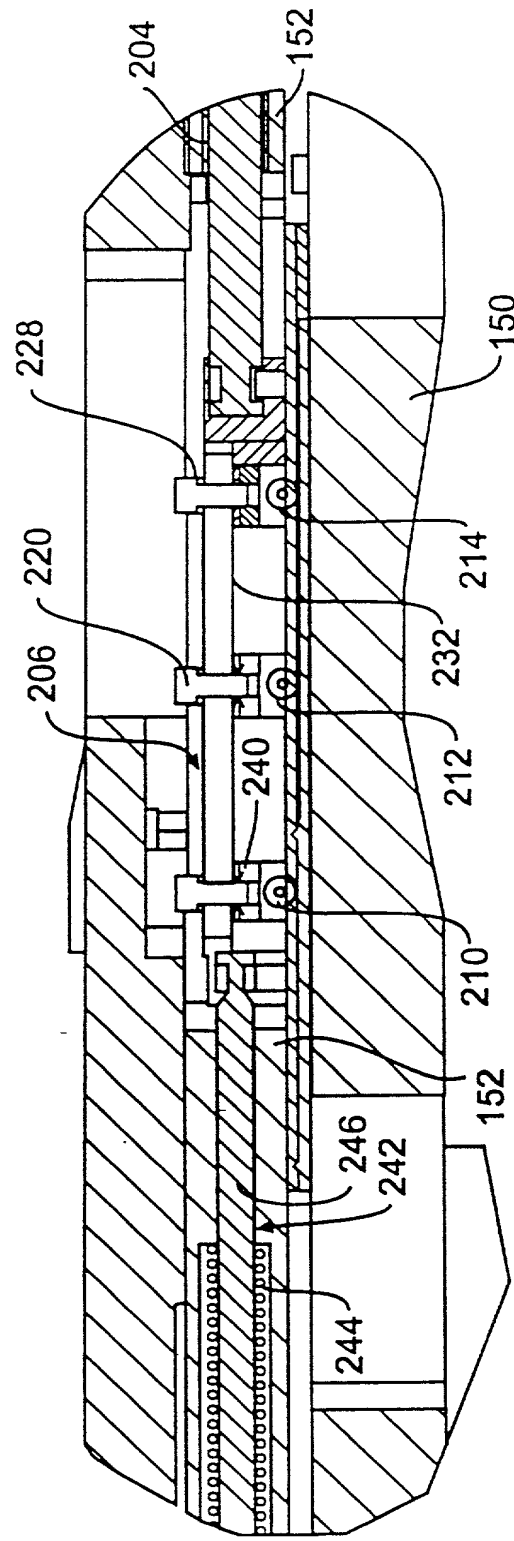


FIG. 23

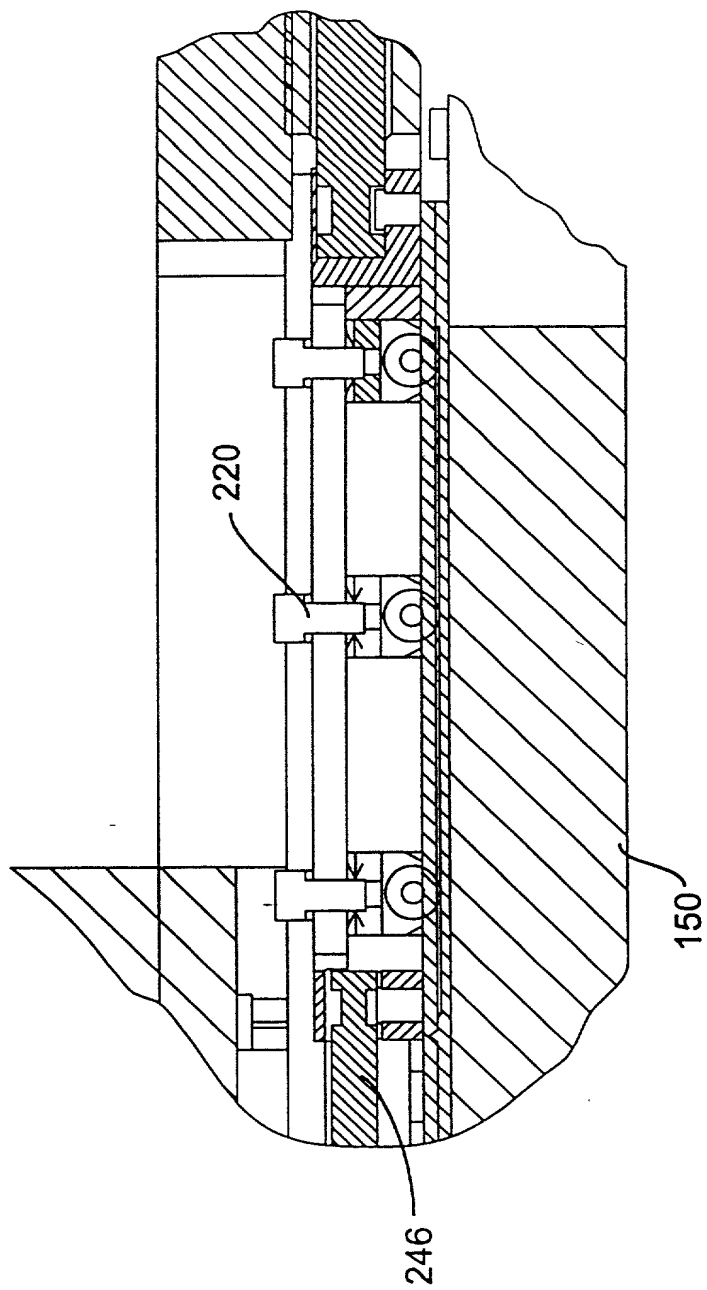


FIG. 24

FIG. 25 is a perspective view of a substrate 12 with a grid of circular features 40. The substrate 12 is shown with a central rectangular region 260 and a surrounding region 262. The circular features 40 are arranged in a regular grid pattern across the entire surface of the substrate 12.

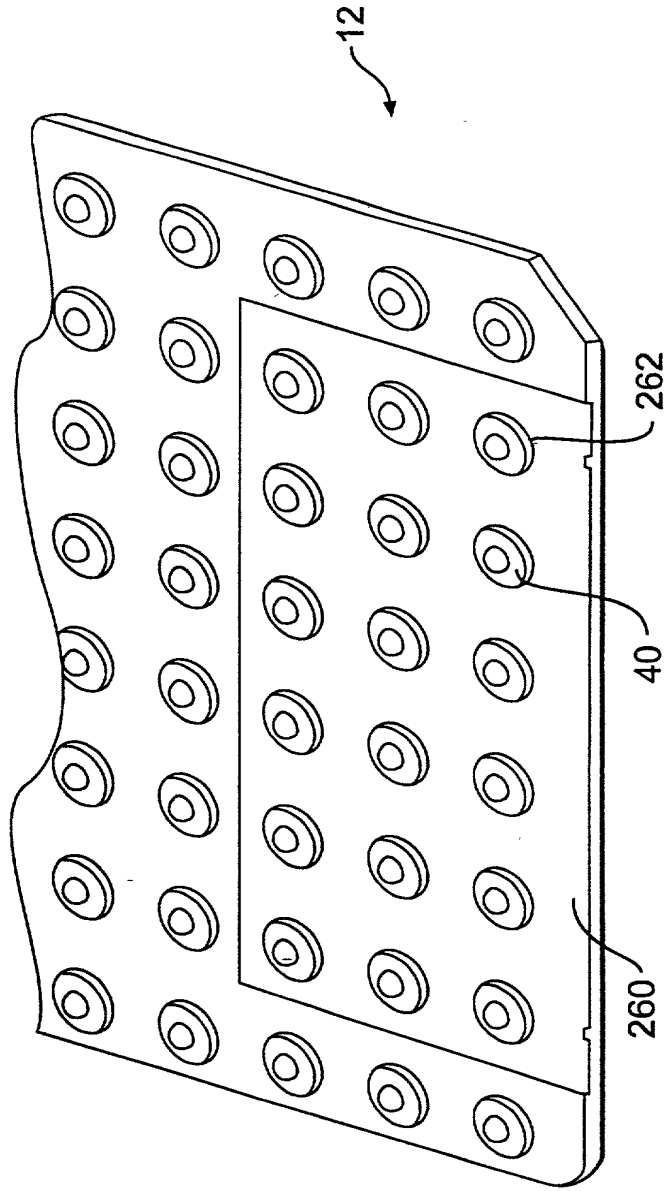


FIG. 25

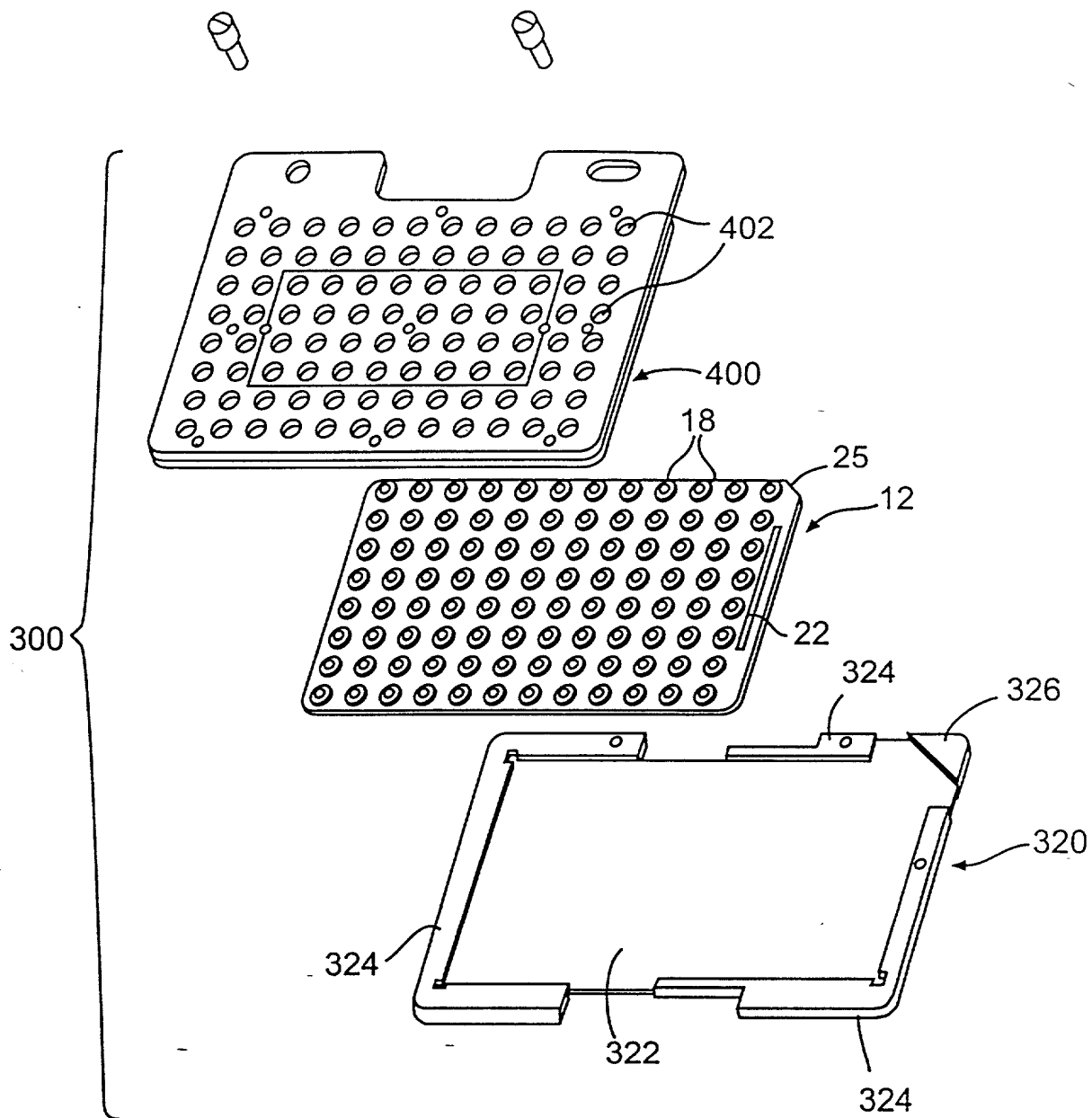


FIG. 26A

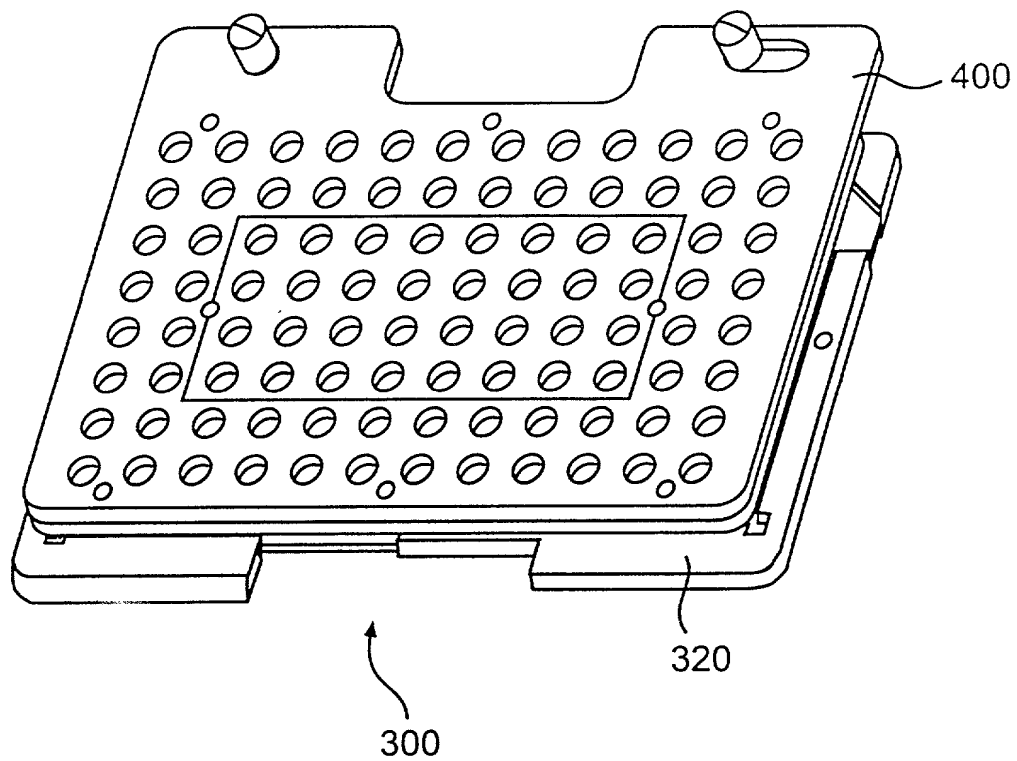


FIG. 26B

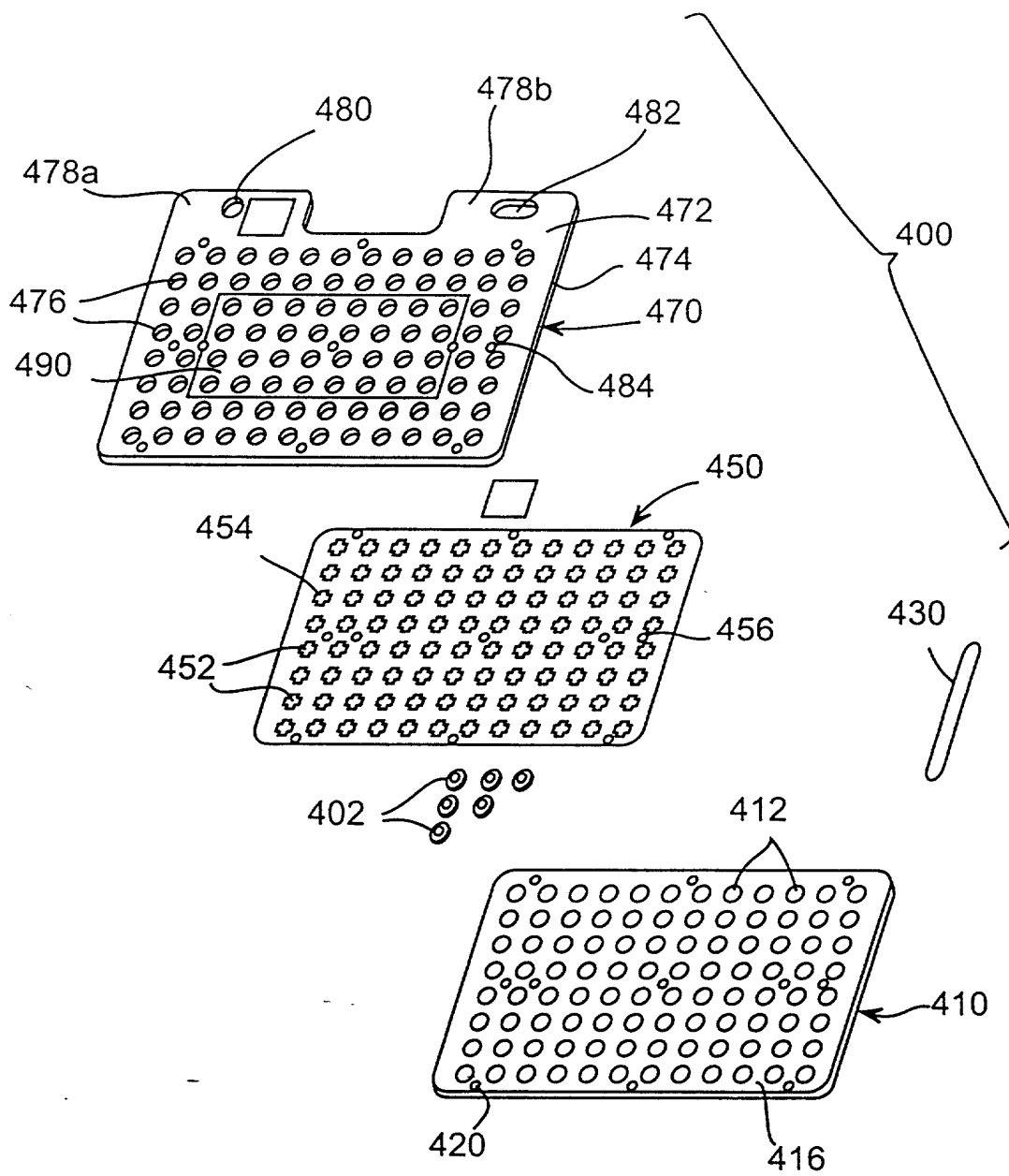


FIG. 27

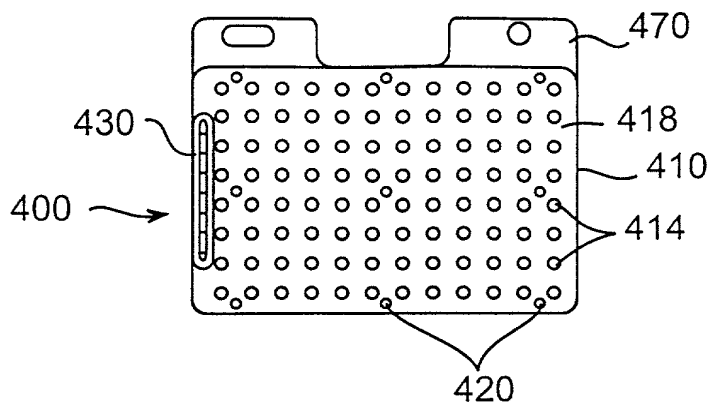


FIG. 28A

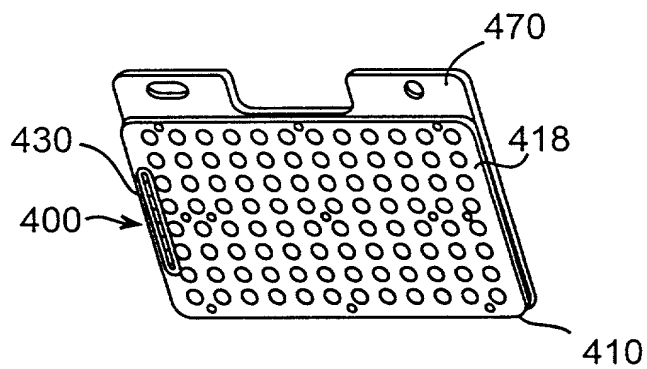


FIG. 28B

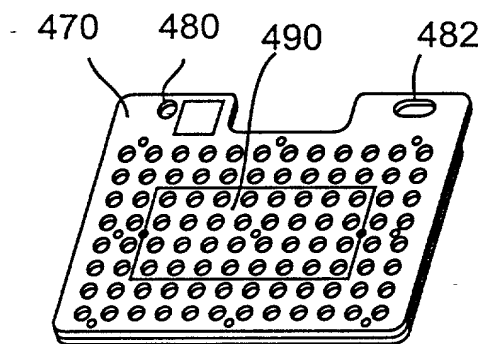


FIG. 28C

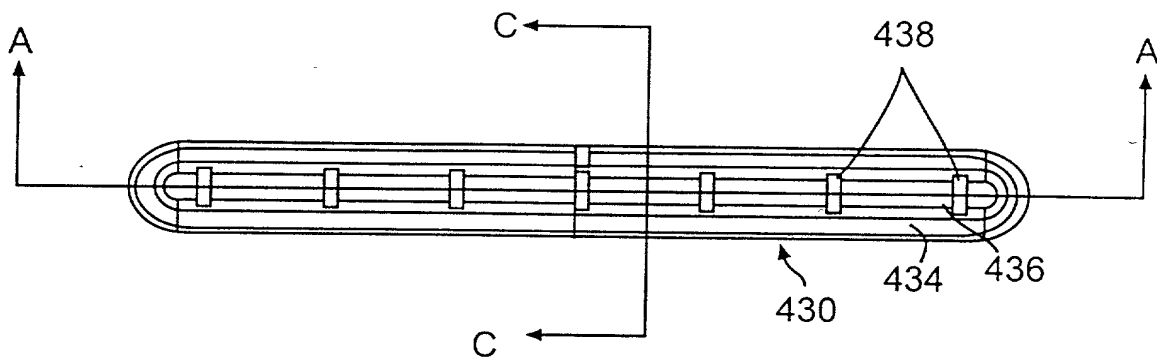


FIG. 29A

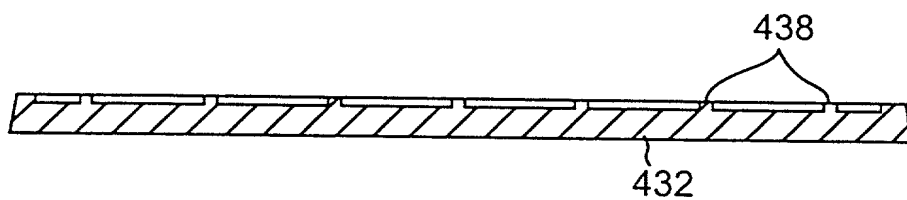


FIG. 29B

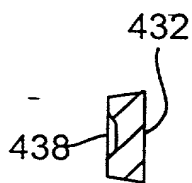


FIG. 29C

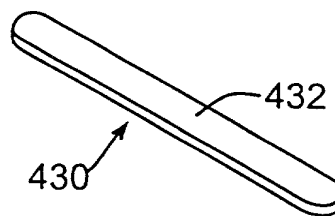


FIG. 29D